

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN DUPLICATE\*  
 (Other instructions on  
 reverse side)

ML--28960

5. Lease Designation and Serial No.

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒

Other

Single Zone ☒Multiple Zone ☐

2. Name of Operator

F.-L. Energy Corporation

3. Address of Operator

Suite 23 2020 East 3300 South Salt Lake City, Utah 84109

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

C SW $\frac{1}{4}$  NW $\frac{1}{4}$  (1981 FNL 660FWL) Section 2

At proposed prod. zone

As Above No deviation anticipated

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Santa Fe-State

8. Farm or Lease Name

Well #1-2

9. Well No.

Wildcat

10. Field and Pool, or Wildcat

SW NW Section 2 T17S R8E

11. Sec., T., R., M., or Blk. and Survey or Area

Emery County, Utah

14. Distance in miles and direction from nearest town or post office\*

Three Miles South and Three Miles East of Mohrland Utah

960

12. County or Parrish

640

13. State

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

660' to lease line

3100'

16. No. of acres in lease

17. No. of acres assigned to this well

Rotary

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

20. Rotary or cable tools

No other wells on this lease. Over two miles to closest well.

21. Elevations (Show whether DF, RT, GR, etc.)

6275' Ground Level

6285' K.B.

22. Approx. date work will start\*

Commence: 10/25/82

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
9 5/8"	7"	23#/ft	150'	Circulated to surface
6 1/2"	4 1/2"	10.5#/ft	3100'	250 Sacks Class H

It is proposed to drill this well to approximately 3100" in order to fully penetrate and test the Ferron Formation. It is not planned to do any coring or Drill-stem testing. The open hole electric logs will be Ind.-Laterlog, Comp. Neutron, and Comp. Density. It is planned to use a manual B.O.P. consisting of one set of blind rams and one set of pipe rams and a rotating head. The proposed drilling fluid will be air from top to bottom. All pertinent State Regulations will be strictly adhered to.

**APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING**

DATE: 9-30-82

BY: *[Signature]*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on proposed productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and measure, and give vertical depths. Give blowout preventer program, if any.

24.

Signed.....

Patrick L. Driscoll

Title.....

Vice-President Operations

Date.....

9/27/82

(This space for Federal or State office use)

Permit No.....

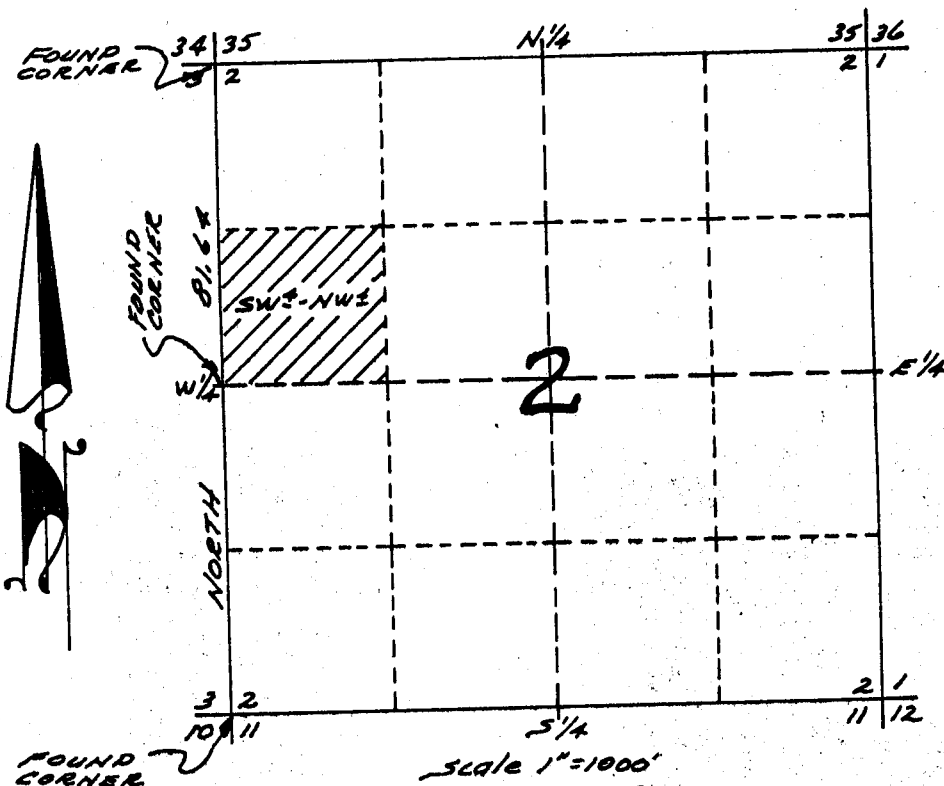
Approval Date .....

Approved by.....

Title.....

Date.....

Conditions of approval, if any:



Scale 1"=1000'  
SECTION 2  
TOWNSHIP 17 SOUTH, RANGE 8 EAST,  
SALT LAKE MERIDIAN, UTAH  
DEPENDENT RESURVEY

1981 FNL  
660 FWL

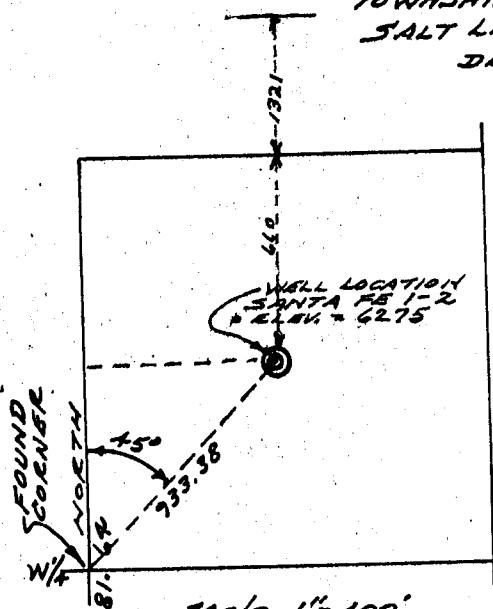


SURVEYOR'S CERTIFICATION

THIS IS TO CERTIFY THAT THE ABOVE  
PLAT WAS PREPARED FROM FIELD  
NOTES OF ACTUAL SURVEYS MADE BY  
ME OR UNDER MY SUPERVISION AND  
THAT THE SAME ARE TRUE AND  
CORRECT TO THE BEST OF MY KNOWLEDGE.

SEPT. 1982  
DATE

*M. Carl Larsen*  
M. CARL LARSEN  
REGISTERED UTAH SURVEYOR  
CERTIFICATE (LICENSE) N° 2970



Scale 1"=400'  
SW 1/4 - NW 1/4 OF SEC. 2  
T. 17S, R. 8E, S.L. MER. UTAH

ELEVATION TAKEN FROM  
U.S.G.S. QUAD SHEET

EMERY COUNTY, UTAH

WELL LOCATION - - SANTA FE 1-2 SW 1/4 OF NW 1/4, SEC. 2, T. 17S, R. 8E, S.L.M. UTAH	
PAUL FULLMAN OF F.L. ENERGY COMPANY 2020 EAST 3300 SOUTH STREET SALT LAKE CITY, UTAH, 84109 (1-801-467-5941)	
PREPARED BY LARSEN AND MALMQUIST CONSULTING ENGINEERS AND LAND SURVEYORS 2736 SOUTH 2700 WEST STREET WEST VALLEY CITY, UTAH, 84119 (1-801-972-2634)	
DRAWN BY: C.R. DOW	SCALE AS SHOWN
CHECKED BY: M.C.L.	DATE: SEPT. 1982
APPROVED BY: M.C.L.	JOHN L. M0066-815

DRAWING N°  
15-0066-815

in Duplicate

DIVISION OF OIL, GAS AND MINING  
OF THE STATE OF UTAH

DESIGNATION OF AGENT  
\*\*\*\*\*


The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations and Rules of Practice and Procedure of the Division of Oil, Gas and Mining of the State of Utah, hereby appoint F L Energy, whose address is 2000 East 2300 South, Suite 23, Salt Lake City, Utah 84109, (his, her or its) designated agent to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective date of designation 7/25/82

Company Santa Fe Energy Company Address 2600 Security Life Building, Denver, CO 80202

By James A. Priest Title Exploration Manager  
(signature)



NOTE: Agent must be a resident of the State of Utah

\* Designation of Agent applies to Utah State lease (ML-28960) and the following described lands:

Township 16 South, Range 8 East

OPERATOR F.L. ENERGY DATE 9-30-82

WELL NAME SANTA FE STATE #1-2

SEC SW NW 2 T 17S R 8E COUNTY EMERY

43-015-30133

API NUMBER

STATE

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☒

HL

☐☐

NID

☒

PI

☐☒

MAP

☒☐

PROCESSING COMMENTS:

NO NEARBY WELLS

RTP. V

APPROVAL LETTER:

SPACING: ☐ A-3 \_\_\_\_\_ UNIT

☐ c-3-a \_\_\_\_\_ CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING      STATE BLANKET

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER NO

☐ UNIT NO

☒ c-3-b

☐ c-3-c

☒ OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

☒ POTASH

October 1, 1982

F-L Energy Corporation  
2020 East 3300 South, Suite 23  
Salt Lake City, Utah 84109

RE: Well No. Sante Fe State #1-2  
SWNW 2 T.17S, R.8E  
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30133.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: State Lands  
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: F L ENERGY CORPORATION

WELL NAME: Santa Fe State #1-2

SECTION SWNW 2 TOWNSHIP 17 S RANGE 8 E COUNTY Emery

DRILLING CONTRACTOR Bucks Drilling

RIG # 101

SPUDDED: DATE 10-31-82

TIME 11:30 PM

HOW

DRILLING WILL COMMENCE

REPORTED BY P. L. Driscoll

TELEPHONE #

DATE 11-1-82 SIGNED RJF

AFFIDAVIT OF WORK PERFORMED

DATE: 11-01-82

TO: F. L. Energy  
2020 East 3300 South, Suite #23  
Salt Lake City, Utah 84109

SUBJECT: Spud in on Santa Fe 1-2

We, the undersigned do hereby affirm that at 10:30 p.m. on October 31, 1982, we did spud in the above named well and were actively drilling at 12:00 p.m. with Rig No. R-2.

Signed By:

*Randy Zimmerman*  
Pusher, Rig No. R-2

*Mike Nelson*  
Driller, Rig No. R-2

*Steve Martiney*  
Crew Member, Rig No. R-2

RECEIVED  
NOV 24 1982

DIVISION OF  
OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML 28960	
2. NAME OF OPERATOR F L Energy		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 2020 E. 3300 S Suite 23 , SLC, UT 84109		7. UNIT AGREEMENT NAME Santa Fe State	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW $\frac{1}{4}$ NW $\frac{1}{4}$ 1981 FNL 660 FWL		8. FARM OR LEASE NAME Well 1- 2	
14. PERMIT NO. 43-015-30133		9. WELL NO.	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6275 GL 6385 K.B.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 2 T17S R8E	
		12. COUNTY OR PARISH Emery	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Operation <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilled to 3050', Logged Well, Set 4 $\frac{1}{2}$ " casing to 2650' cemented long string and waiting for completion rig

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Corp Sec

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. ML 28960

Communitization Agreement No. \_\_\_\_\_

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery

State Utah

Operator EL

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec, 1982

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Waiting for Completion Rig

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]

Address: Suite 23 2020 E 3300 SSLC 84109

Title: Corp Sec

Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. ML 28960

Communitization Agreement No. \_\_\_\_\_

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery

State Utah

Operator \_\_\_\_\_

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of \_\_\_\_\_, 19\_\_\_\_

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Waiting for Completion Rig

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_

Address: \_\_\_\_\_

Suite 23 2020 E 3300 SSLC 84109

Title: Corp Sec

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. ML 28960

Communitization Agreement No. \_\_\_\_\_

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery

State Utah

Operator FL ENERGY

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APR 7, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Waiting for Completion Rig

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_

Address: Suite 23 2020 E 3300 SSLC 84109

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. ML 28960

Communitization Agreement No. \_\_\_\_\_

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery

State Utah

Operator \_\_\_\_\_

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	<u>S. I.</u>	0	0	0	0	Waiting for Completion Rig

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

\*On hand, Start of Month

\*Produced

\*Sold

\*Spilled or Lost

\*Flared or Vented

\*Used on Lease

\*Injected

\*Surface Pits

\*Other (Identify)

\*On hand, End of Month

\*API Gravity/BTU Content

Authorized Signature: \_\_\_\_\_

Oil & Condensate  
(BBLs)

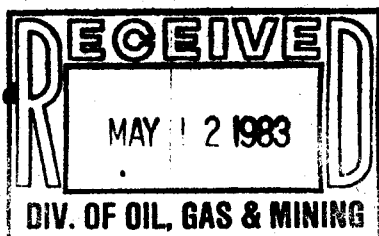
Gas  
(MCF)

Water  
(BBLs)

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Address: Suite 23 2020 F 3100 SSLC 84109

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. ML 28960  
Communitization Agreement No. \_\_\_\_\_  
Field Name Huntington Dome  
Unit Name \_\_\_\_\_  
Participating Area \_\_\_\_\_  
County Emery State Utah  
Operator \_\_\_\_\_

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of JUNE, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Waiting for Completion Rig

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Lynn Kano Address: Suite 23 2020 E 3300 SSLC 84109

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. ML 28960

Communitization Agreement No. \_\_\_\_\_

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery State Utah

Operator \_\_\_\_\_

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of 8-5, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Waiting for Completion Rig

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_ Address: Suite 23 2020 E 3300 SSLC 84109

Title: Corp Sec

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Communitization Agreement No. 27

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery

State Utah

Operator FL

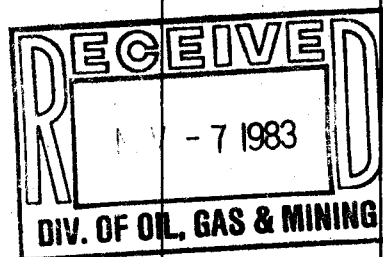
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Oct, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	- Completed and Testing Completion Rig



\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_ Address: Suite 23 2020 E 3300 SSLC 84109

Title: Corp Sec

Page 1 of 1



DEPARTMENT OF THE INTERIOR  
**GEOLOGICAL SURVEY**  
 (FORM 9-329)  
 (2/76)  
 OMB 42-RO 356  
**MONTHLY REPORT  
 OF  
 OPERATIONS**

Communication Agreement No. \_\_\_\_\_  
 Field Name Huntington Dome  
 Unit Name \_\_\_\_\_  
 Participating Area \_\_\_\_\_  
 County Emery State Utah  
 Operator \_\_\_\_\_  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Dec, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Shut In

\*If none, so state.

**DISPOSITION OF PRODUCTION** (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: Suite 23 2020 E 3300 SSLC 84109  
 Title: Corp Sec Page 1 of 1

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-10 356

MONTHLY REPORT  
OF  
OPERATIONS

Communitization Agreement No. \_\_\_\_\_

Field Name Huntington Dome

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County Emery State Utah

Operator \_\_\_\_\_

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 87

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-2	SW 1/4 NW 1/4 Sec 2	17S	8E	S. I.	0	0	0	0	Testing

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_ Address: Suite 23 2020 E 3300 SSLC 84109

Title: Corp Sec Page 1 of 1

## GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Communitization Agreement

Field Name \_\_\_\_\_

Unit Name \_\_\_\_\_

Participating Area \_\_\_\_\_

County EmeryState UtahOperator F L Energy☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of APR, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Santa Fe 1-2	SW 1/4 NW 1/4 S2	17S	8E	SI	0	0	0	0	Shut in waiting for Approval

\*If none, so state.

## DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXX

Authorized Signature: \_\_\_\_\_

Address: \_\_\_\_\_

2020 E 3300 SO SLC, UT 84109

Title: \_\_\_\_\_

Page 1 of 1



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 4, 1984

F L Energy  
2020 East 3300 South Suite 23  
Salt Lake City, Utah 84109

Gentlemen:

Re: Well No. Santa Fe State #1-2 - Sec. 2, T. 17S., R. 8E.  
Emery County, Utah - API #43-015-30133

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Rule C-5 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Within ninety (90) days after the suspension of operations on, abandonment of, or the completion of any well drilled for the production of oil and/or gas, and within ninety (90) days after the completion of any further operations on the well, if such operations involved drilling deeper or drilling or redrilling any formation, a well log shall be filed with the Commission on a form prescribed by the Commission, together with a copy of the electric and radioactivity logs, if run.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Page 2  
F L Energy  
Well No. Santa Fe State #1-2  
October 4, 1984

Please complete the enclosed Form OGC-3 and forward it to this office as soon as possible.

Thank you for your prompt attention to the above matter.

Sincerely,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones  
Well Records Specialist

clj

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
00000008/5-6

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. MI  
Communitization Agreement No. \_\_\_\_\_  
Field Name \_\_\_\_\_  
Unit Name \_\_\_\_\_  
Participating Area \_\_\_\_\_  
County Emery State Utah  
Operator F L Energy  
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of Sept, 1984

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Santa Fe 1-2	SW 1/4 NW 1/4 S2	17S	8E	SI	0	0	0	0	Preparing for test. Santa Fe will assume operation 10-1-84

RECEIVED

OCT 19 1984

DIVISION OF OIL  
GAS & MINING

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	0	0	0
*Sold	0	0	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	0	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	0	0	XXXXXXXXXXXXXXXXXXXX
*Injected	0	0	0
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	0
*Other (Identify)	0	0	0
*On hand, End of Month	0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	0	0	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature]

Address: 2020 E 3300 SO SLC, UT 84109

Title: Sec

Page 1 of 1

SUBMIT IN DUPLICATE\*

STATE OF UTAH

OIL &amp; GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

F.L. Energy Corp.

DIVISION OF OIL  
GAS & MINING

3. ADDRESS OF OPERATOR

Suite 23 2020 East 3300 South, Salt Lake City, Utah 84109

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface C SW $\frac{1}{4}$  NW $\frac{1}{4}$  (1981 FNL 660 FWL) Section 2

At top prod. interval reported below

As above

At total depth

As above

14. PERMIT NO.

43-015-30133

DATE ISSUED

Oct. 1, 1982

15. DATE SPURRED

Oct. 31, 1982

16. DATE T.D. REACHED

11/28/82

17. DATE COMPL. (Ready to prod.)

10/15/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6825' K.B.

19. ELEV. CASINGHEAD

6818'

20. TOTAL DEPTH, MD &amp; TVD

2966'

21. PLUG, BACK T.D., MD &amp; TVD

2615

22. IF MULTIPLE COMPL., HOW MANY\*

-

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-2966

CABLE TOOLS

-0-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

Ferron Sandstone

Top: 2177  
Bottom: 2388

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS

D.I.L., Compensated Density, Compensated Neutron, Cement Bond Log Cal

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	26	152'	9 5/8"	Cement circulated to surf.	None
4 1/2"	10.5	2650	6 1/4"	250 Sx Class H	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None	--	--	--	--

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2250"	None

31. PERFORATION RECORD (Interval, size and number)

Shot 4 shots per foot. 2186-90, 2228-30  
2264-70, 2284-86  
2304-10

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2186-2310	1150 gal. 7 1/2% HCl, 8,000 gal 3% HCl foamed with N <sub>2</sub> to a foam quality of 75%. Propped with 75,000 lbs of 20-40 mesh sand.

33.\*

PRODUCTION

DATE FIRST PRODUCTION

S.I.G.W.

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut in)

S.I.G.W.

DATE OF TEST

10/15/84

HOURS TESTED

4 pt test

CHOKE SIZE

-0-

PROD'N. FOR TEST PERIOD

→

OIL—BBL.

GAS—MCF.

325 MCF

WATER—BBL.

1/4 bbl

GAS-OIL RATIO

-0-

FLOW. TUBING PRESS.

CASING PRESSURE

315

CALCULATED 24-HOUR RATE

→

OIL—BBL.

-0-

GAS—MCF.

325 MCFPD

WATER—BBL.

4

OIL GRAVITY-API (CORR.)

-0-

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Burned amount used for testing

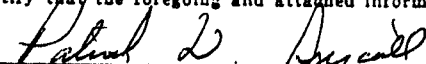
TEST WITNESSED BY  
J. Hemingway

35. LIST OF ATTACHMENTS

4 point multipoint back pressure test

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

V.P. Operations

DATE )ct.19/84

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

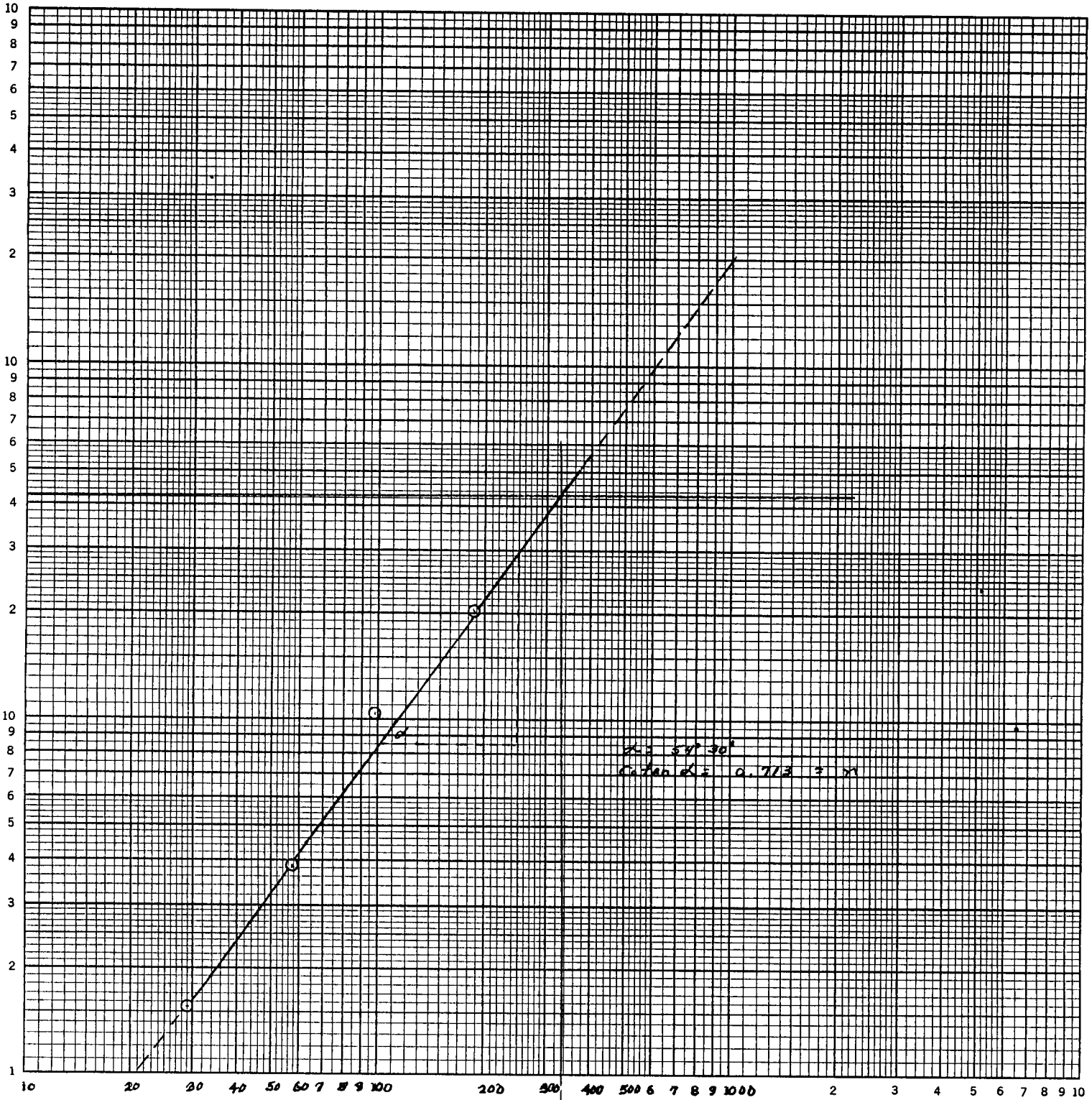
**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUB VERT. DEPTH
Ferron	2177	2388	Natural Gas	Mancos-Bluegate Ferron S.S Tununk Shale	160' 2177 2388		



46 7403

K&S LOGARITHMIC 3 X 3 CYCLES  
KEUFFEL & ESSER CO. MADE IN U.S.A.



$\Delta = 59' 30''$   
 $\text{Cotan } \Delta = 0.773 \approx 0.77$

F.L. Energy Santa Fe #1-2  
C SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section #2 T17S R8E  
Emery County, Utah

Gas Gravity: 0.65      Temperature: Surface 51<sup>o</sup>F      Elev: 6285' K.B  
Well      98<sup>o</sup>F  
T.D. 2966' P.B.T.D. 2615 Top of Ferron S.S 2177' (+4108)

Casing: 4 $\frac{1}{2}$ " 10.5 lb/ft set at 2650  
Tubing: 2 3/8" EUE 4.7 lb/ft J-55 set at 2284 (open-ended--no seat)  
Perforated Interval: (4 SPF) 2186-90, 2228-30, 2264-70, 2284-86, 2304-10

October 13, 1984: Blew well down for clean-up. Blowing through the separator. Initially, had heavy sand and fluid return. Fluid decreasing. Have trace of oil. Shut well in with 240 psig on casing. Went in tubing with sinker bar--tagged up at approximately 2250'. Apparently have sand plug. Fluid level is at approximately 1500'.

October 15, 1984: Commenced test on well. Decided to test through annulus due to apparent tubing plug. Repiped annulus to separator. Initial casing pressure 315 psig. Will have to calculate BHP due to apparent water column influence.

Thermal gradient = (98 - 51)(1000)/2615 = 17.97<sup>o</sup>F per 1000' (Use 18)

$$P_c = 670 \text{ psia} \quad T_c = 375^{\circ}\text{R}$$

$$Pr = 315 + 11/670 = 0.4866 \quad Tr = 51 + 460/375 = 1.3627$$

$$Z = 0.93 \quad \int_{P_c}^{P_r} \frac{Z}{Pr} dPr = 0.818 \quad LG = \frac{(2200)(0.65)}{Ta(53.241)(53.241)(522)} = 0.051$$

$$\int_{P_c}^{P_r} \frac{Z}{Pr} dPr = 0.818 + 0.051 = 0.864$$

$$P = (0.52)(670) + p_H$$

$$P = (0.52)(670) + (0.434)(700) = 652 \text{ psia}$$

Point 1.	Time	Pressure	Orifice size	Orifice pressure	Remarks
	8:40	(315) 652	1/8"	52 psig	Gas damp
	8:55	(310)	1/8"	58 psig	" "
	9:10	(304) 640	1/8"	63 psig	Trace Oil

SHUT-IN 2 HOURS

$$1/8" = Q = F_p P_m F_g F_t F_{pv} = (0.2716)(77.73)(1.24)(1.005)(1.107)$$

$$Q = 29 \text{ MCFPD}$$

Point 2.	11:10	(315) 652	3/16	53 psig	Small amt water
	11:25	(300)	3/16	51 psig	
	11:40	(285) 622	3/16	51 psig	

$$3/16 = Q = F_p P_m F_g F_t F_{pv} = (0.6237)(65.73)(1.24)(1.005)(1.107)$$

$$Q = 57 \text{ MCFPD}$$

SHUT-IN 2 HOURS

Point 3.	1:35	(310) 647	1/4	48	
	1:50	(255)	1/4	49	
	2:05	(220) 557	1/4	49	

$$1/4" = Q = F_p P_m F_g F_t F_{pv} = (1.115)(63.73)(1.24)(1.005)(1.107)$$

$$Q = 98 \text{ MCFPD}$$

Point 4.	4:10	(305) 642	3/8"	41	Gas slightly damp
	4:25	200	3/8	40	
	4:40	(128) 455	3/8	40	

$$3/8" = F_p P_m F_g F_t F_{pv} = (2.439)(54.73)(1.24)(1.005)(1.107)$$

$$Q = 184 \text{ MCFPD}$$

$$1, 29 \text{ MCFPD} \quad (652)^2 - (640)^2 = 15.5 \text{ M} \quad 2, 57 \text{ MCFPD} \quad (652)^2 - (622)^2 = 38.2 \text{ M}$$

$$3, 98 \text{ MCFPD} \quad (647)^2 - (557)^2 = 104.3 \text{ M} \quad 4, 184 \text{ MCFPD} \quad (642)^2 - (455)^2 = 205 \text{ M}$$

$$\text{Angle of slope} = 54^{\circ} 30' \quad \text{Cotan } 54^{\circ} 30' = 0.713$$

$$n = \frac{\log 185 - \log 35}{\log 200 - \log 20} = \frac{\log 5.286}{\log 10} = 0.72304$$

$$C.A.O.F = 325 \text{ MCFPD}$$

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR R. B. Durning Associates, Inc. (working interest owner)		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 126 East 36th Street, New York, NY 10016		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Santa Fe 1-2 T.17S, R.8E., SW1/4NW1/4 of Section 2, T.17S., R.8E., SLB&M		8. FARM OR LEASE NAME
14. PERMIT NO. 43-015-30133		9. WELL NO.
15. ELEVATIONS (Show whether of, ft., or, etc.)		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA
		12. COUNTY OR PARISH Emery
		13. STATE UT

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Completed October, 1984.

Shut in and waiting for hook up.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. Brown

TITLE

V.P.

DATE

3/1/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# R. B. DURNING ASSOCIATES, INC.

March 6, 1985

Ms. Denise A. Dragoo  
Fabian & Clendenin  
215 South State Street, 12th Floor  
Salt Lake City, Utah 84111-2309

Re: Reporting Requirements,  
Santa Fe 1-2 Well

Dear Denise:

In reviewing the material which you sent me, which is appreciated, I wonder if you could clarify a couple of points:

- (1) Page 50 and 51, of the Rules book (copy attached) lists the various reporting forms. The form which we are filing is OGC-1b, which is not specifically cited, unless this designation refers to item (b) under "Form OGC-1 -- SUNDRY NOTICES AND REPORTS ON WELLS" (page 50). However, that item (b) is entitled "Notice of Intention to Change Plans," which does not appear to correctly describe our situation for the Santa Fe 1-2 well (shut-in awaiting hookup).
- (2) On page 51, the description of FORM OGC-4 "REPORT OF OPERATIONS AND WELL STATUS REPORT" appears to most nearly apply to the Santa Fe 1-2 well, however there is no discussion except for a reference to Rule C-22 (page 39).

Rule C-22 (a)(3) "SHUT-IN WELLS" on page 39 (copy attached) says "Where the well is shut-in indefinitely, said report must be made annually and must be filed on or before the sixteenth (16) day of January of each year."

Could you please clarify the above question about Form OGC-1b, and let me know, considering the status of the Santa Fe 1-2 well, whether we could file Form OGC-4 under Rule C-22(a)(3) annually (by January 16th) instead of the monthly filing of Form OGC-1b?

Thank you.

Sincerely yours,

*Robert A. Brown*

Robert A. Brown

cc: R.A. Mackey

## REPORTS

### RULE G-1—

(a) The forms hereinafter mentioned and attached to these rules are hereby adopted and made a part of these rules for all purposes and shall be used in accordance with the rules and the instructions printed thereon, which instructions are part of this rule. United States Geological survey or Company forms, which contain substantially the same information, may be used in lieu of any of the forms listed hereafter with the exception of Form OGC-5, Monthly Oil and Gas Conservation Levy Report. The forms are:

### FORM OGC-1—SUNDRY NOTICES AND REPORTS ON WELLS

This form covers all notices of intention and all subsequent reports pertaining to individual wells except those for which special blanks are provided. This form may be used for any of the purposes listed thereon, or a special heading may be inserted in the blank to adapt it for use for similar purposes. Any written notice of intention to do work or to change plans previously approved must be filed in duplicate, unless otherwise directed, and must reach the Division and receive its approval before the work is begun. The owner or operator is responsible for receipt of the notice by the Commission in ample time for proper consideration and action. If, in case of emergency, any notice is given orally or by wire, and approval is obtained, the transaction shall be confirmed in writing as a matter of record. All subsequent reports must be filed with the Division within thirty (30) days after the work is completed. The following are some of the uses for the Form OGC-1:

- (a) Notice of Intention to Drill.
- (b) Notice of Intention to Change Plans.
- (c) Subsequent Report of Casing and Water Shut-off Test.
- (d) Notice of Intention to Redrill, Repair, or Condition Well.
- (e) Notice of Intention to Pull, Perforate, or Otherwise Alter Casing
- (f) Notice of Intention to Abandon Well.
- (g) Subsequent Report of Abandonment.

### FORM OGC-2—DRILLING AND PLUGGING BOND

See Rule C-1.

### FORM OGC-3—LOG OF OIL OR GAS WELL

The owner or operator shall furnish to the Division, on Form 3, not later than ninety (90) days after the completion of operations on each well, a complete and accurate log and history, in chronologic order, of all operations conducted on the well. A copy of all electric, radioactivity, or other similar logs run, and temperature or directional surveys shall be furnished. See Rule C-5.

### FORM OGC-4—REPORT OF OPERATIONS AND WELL STATUS REPORT

See Rule C-22 ~~4439~~ (P.39)

### RULE OGC-5—MONTHLY OIL AND GAS CONSERVATION LEVY REPORT

This form is to be filed with the Division monthly in accordance with Section 14 of the Oil and Gas Conservation Act (See page 15 of this pamphlet).

### FORM OGC-6—DESIGNATION OF AGENT

See Rule A-4

(b) When special forms or reports other than those referred to in the regulations may be necessary, instructions for the filing of such forms or reports will be given by the Division.

## NOMENCLATURE

### RULE H-1—

The Division shall name all oil and gas fields or pools in conformance with representative industry recommendations.

### UNDERGROUND INJECTION CONTROL CLASS II WELLS

### RULE I-1—DEFINITIONS

In addition to the definitions in Section 40-6-4 Utah Code Annotated 1953, the following definitions apply to the Utah Underground

#### RULE C-18—DEFECTIVE CASING OR CEMENTING

In any well that appears to have defective, poorly cemented or corroded casing, which will permit or may create underground waste or may contaminate underground or surface fresh water, the operator shall proceed with diligence to use the appropriate method and means to eliminate such hazard of underground waste or contamination of fresh water. If such hazard cannot be eliminated, the well shall be properly plugged and abandoned.

#### RULE C-19—GAS-OIL RATIO TEST

Each operator shall take a gas-oil ratio test not later than thirty (30) days following the completion or recompletion of any well producing from a pool which contains both oil and gas. The results of such test shall be reported to the Division within 15 days after completion of the test. Upon application, the Division may waive or extend the time for making a gas-oil ratio test. Additional tests may be taken at any time and shall be taken as ordered by the Division.

#### RULE C-20—REPORTING OF FRESH WATER SANDS

It shall be the duty of any person, operator, or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to the Division all fresh water sands encountered. Such report shall be in writing and shall give the location of the well or hole, the depth at which the sands were encountered, the thickness of such sands, and the rate of flow of water, if known.

#### RULE C-21—NOTICE OF INTENTION TO PULL CASING

If any casing is to be pulled after a well has been abandoned or for the purpose of abandonment, a notice of intention must be filed with the Division and its approval obtained before the work is started. Such notice must give full details of the contemplated work. If a log of the well has not already been filed with the division, the notice should be accompanied by a copy of the log showing all casing seats as well as all water strata and oil and gas shows. Where the well has been abandoned and liability has been terminated with respect to the bond previously furnished to the U.S. Geological Survey, State Land Board, a five thousand dollar (\$5,000) plugging bond will be required to be filed with the Division by such party.

#### RULE C-22—REPORT OF OPERATIONS AND WELL STATUS REPORT

(a) A report of operations and well status report shall be filed with the division as hereinunder provided:

##### (1) DRILLING WELLS:

Where the well is in the process of being drilled, said report must be made for each calendar month, beginning with the month in which drilling operations were initiated and must be filed on or before the sixteenth (16) day of the succeeding month.

##### (2) PRODUCING WELLS:

Where the well is being produced, said report must be furnished to the Division for each calendar month, beginning with the month in which production commenced. This report is to be filed thereafter not later than the sixteenth (16) day of the succeeding month following production, and unless otherwise approved by the Division, it must show the number of days each well was on production, as well as the quantity of oil, gas, and water produced. Where a well is temporarily shut-in, a negative report must be filed.

##### (3) SHUT-IN WELLS:

Where the well is shut-in indefinitely, said report must be made annually and must be filed on or before the sixteenth (16) day of January of each year.

##### (4) TEMPORARILY ABANDONED WELLS:

Where operations on the well have been temporarily abandoned said report must be filed not later than thirty (30) days after abandonment of operations and not later than ten (10) days prior to resumption of operations. Said report must indicate the total depth of the well, the amount of casing left in the hole, date of and reason for abandonment, and approximate date when operations are expected to commence again.

The "Report of Operations and Well Status Report" shall be considered a part of the well log and shall be held confidential, regardless of when filed, until the date the well log is required to be released.

# FABIAN & CLENDENIN

A PROFESSIONAL CORPORATION  
ATTORNEYS AT LAW

TWELFTH FLOOR  
215 SOUTH STATE STREET  
SALT LAKE CITY, UTAH 84111-2309

TELEPHONE  
(801) 531-8900

HAROLD P. FABIAN  
1985-1975  
BEVERLY S. CLENDENIN  
1989-1971  
SANFORD M. STODDARD  
1909-1974

GARY E. JUBBER  
W. CULLEN BATTLE  
KEVIN N. ANDERSON  
L. ZANE GILL  
DOUGLAS L. FURTH  
JATHAN JANOVE  
JAMIS M. JOHNSON  
ROSEMARY J. BELESS  
MICHELE MITCHELL  
JOHN E. S. ROBSON  
DOUGLAS B. CANNON

PETER W. BILLINGS  
ALBERT J. COLTON  
RALPH H. MILLER  
GEORGE D. MELLING, JR.  
WARREN PATTEN  
M. BYRON FISHER  
STANFORD B. OWEN  
WILLIAM H. ADAMS  
ANTHONY L. RAMPTON  
PETER W. BILLINGS, JR.  
GORDON CAMPBELL  
THOMAS CHRISTENSEN, JR.  
RAND M. ELISON  
RANDALL A. MACKEY  
DENISE A. DRAGOO  
JAY B. BELL  
DANIEL W. ANDERSON  
TERRIE T. MCINTOSH

March 14, 1985

## HAND DELIVERED

Mr. Ron Firth  
Assistant Director  
Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center  
Suite 350  
Salt Lake City, Utah 84180-1203

RE: Santa Fe 1-2 (43-015-30133)

Dear Ron:

On behalf of R. B. Durning Associates, Inc., we respectfully submit the enclosed form OGC-1b for the Santa Fe 1-2 well located in Emery County, Utah. We have been informed by the Division staff that this report should be filed monthly with the State of Utah. As we have discussed, no report has been filed with the State on this well since October, 1984 when the Santa Fe 1-2 well was completed and shut in pending hookup. Although R. B. Durning Associates, Inc. is in a position to provide the State with monthly reports, our client has appropriately pointed out that Rule C-22(3) requires that wells shut in indefinitely should be reported annually rather than monthly. (See enclosed letter).

Rule C-22(2) concerning producing wells creates further confusion by requiring a monthly report when a well is "temporarily shut in". The regulations do not define the difference between a well which is "temporarily" shut in and a well which is "indefinitely" shut in. Mike Earl, with your staff, indicates that the Division distinguishes between these terms by requiring monthly reports until a well has been shut in for a period of one year or more. However, we can find no regulation to support this interpretation.

Please clarify for us whether R. B. Durning Associates, Inc. should provide monthly reports until October, 1985, as suggested by Mr. Earl, or should simply provide the Division with an annual report.

LAW OFFICES OF  
FABIAN & CLENDENIN  
A PROFESSIONAL CORPORATION

Mr. Ron Firth  
March 14, 1985  
Page Two

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In addition, we suggest that this issue be clarified in the new rules concerning reporting which are currently under review by the State of Utah.

Finally, please note that F-L Energy is no longer the operator of the Santa Fe 1-2 well. R. B. Durning Associates, Inc. will contact the Division when a new operator is chosen for this well.

Thank you for your assistance in this matter.

Very truly yours,

  
Denise A. Dragoo

DAD:jk

Enclosures

cc: Robert A. Brown  
Randall A. Mackey





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 15, 1985

TO: Ron Firth ✓  
FROM: Mike Earl *Mike*  
RE: Reporting Requirements

It appears from reading Ms. Dragoo's letter of March 14, 1985, that some confusion exists regarding the reporting of the R.B. Durning and Associates Santa Fe 1-2 well. This well was completed and shut-in pending hookup in October of 1984. Since that time no reports have been filed.

✓ Rule C-22 (3) states: "Where the well is shut-in indefinitely, said report must be made annually and must be filed on or before the sixteenth (16) day of January of each year." Under the current rule another report was due on this well in January where none had been filed since October of 1984. This was conveyed to Ms. Dragoo and seems to be where some of the confusion lies.

✓ With regard to reporting production, Rule C-22 (2) states: "Where the well is being produced, said report must be furnished to the Division for each calendar month, beginning with the month in which production commenced. . . . Where a well is temporarily shut-in, a negative report must be filed." In the past this has been interpreted to mean that a -0- production report will be filed monthly. As I understand it, this is why the turnaround document prints -0- reports each month.

It appears that Ms. Dragoo's confusion relates to these two rules. It also seems that my explanation may have been less than helpful.

Please let me know if you would like to discuss this further.

jmc  
8041S-89

# FABIAN & CLENDENIN

A PROFESSIONAL CORPORATION  
ATTORNEYS AT LAW

TWELFTH FLOOR  
215 SOUTH STATE STREET  
SALT LAKE CITY, UTAH 84111-2309

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RAND M. ELISON  
RANDALL A. MACKAY  
DENISE A. DRAGOO  
JAY B. BELL  
DANIEL W. ANDERSON  
TERRIE T. MCINTOSH

May 21, 1985

RECEIVED

MAY 22 1985

Mr. Robert A. Brown  
R. B. Durning Associates, Inc.  
126 East 36th Street  
New York, New York 10016

RE: Santa Fe 1-2 Well Reporting

DIVISION OF OIL  
GAS & MINING

Dear Bob:

I contacted the Utah Division of Oil, Gas & Mining today concerning their response to our letter of March 14, 1985. Mike Earl confirmed that R. B. Durning's Santa Fe 1-2 Well could be categorized as "indefinitely" shut in and an annual report rather than a monthly report is the only notification required. Mr. Earl indicated that the submission made by our firm in March, 1985 on behalf of R. B. Durning Associates, Inc. would meet the annual reporting requirement for 1985. An annual report on a sundry notice form (OGC-1b) must be submitted on the Santa Fe 1-2 Well by January 19, 1986.

In the event that a new operator is appointed for the Santa Fe 1-2 Well or the Well is connected to a pipeline prior to January, 1986, the Division should be contacted.

Please contact me if we can be of further assistance in this matter.

Very truly yours,

Denise A. Dragoo

DAD:jk

cc: ✓ Ron Firth

Mike Earl

Randall A. Mackey

*Also, FL Energy has reported the production for 1985 - EnHtly #02997.*

*4/9/86 Telephone w/ Denise Dragoo - RE: Annual reporting. Advised that annual reporting not necessary, new rules do not require annual reporting.*



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

July 18, 1994

Paul Pullman  
220 S. Main  
Salt Lake City, Utah 84101

Re: Non-Compliance Issues

Dear Mr. Pullman:

During a recent field inspection of the wells operated by your company, several non-compliances were noted.

Attached is a listing of the compliance actions that are necessary to be in conformance with the Oil and Gas Conservation General Rules.

It should be noted that these issues have been brought to your attention in the past and nothing has been resolved. Your prompt attention to complying with these actions will be appreciated.

If you have any further questions or concerns please contact Jimmie Thompson at (801) 538-5340 or Ed Bonner at (801) 538-5474

Yours truly,

F. R. Matthews  
Petroleum Engineer

ldc

cc: ~~Well file~~

R. J. Firth

Ed Bonner, School and Institutional Trust Land Administration

WOI51

<u>Well Name</u>	<u>Compliance Action</u>	<u>Lease</u>
Pan American #3 API # 43-015-15676 Section 21, T. 20S R. 7E Emery County	Post well sign	Fee
J. Lemon #1 API # 43-015-30070 Section 21, T. 20S R. 7E Emery, County	Post well sign	Fee
Santa Fe-State 1-2 API # 43-015-30133 Section 2, T. 17S R. 8E Emery, County	Back fill reserve pit Post well sign	State
Ralphs 2-30 API # 43-015-30103 Section 30, T. 19S R. 8E Emery County	Post well sign	Fee
Ferron Creek # 2 API # 43-015-30046 Section 17, T. 20S R. 7E Emery, County	Back fill reserve pit Post well sign	Fee

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER ☐

2. Name of Operator: FL Energy

3. Address and Telephone Number:  
2020 East 3300 South, Salt Lake City, Utah

4. Location of Well

Footage: 1981 FNL 660 FWL

QQ, Sec., T,R,M.: C SW/4 NW/4 Section 2 - T17S - R8E SLBM

5. Lease Designation and Serial Number:  
ML-28960

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name:

8. Well Name and Number:  
Sant Fe State 1-2

9. API Well Number:  
4301530133

10. Field and Pool, or Wildcat:  
Ferron Sand

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other	Flow Test the Summer of 1999

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other	

Approximate date work will start July, 1999

Date of work completion August, 1999

Report results of Multiple Completions and Recompletions to different reservoirs on WELL  
COMPLETION REPORT AND LOG form.  
\*Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and vertical depths for all markers and zones pertinent to this work)

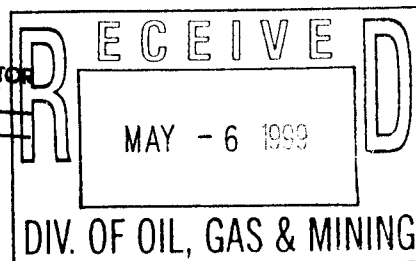
The Santa Fe State 1-2 has never been tested or tied into a sales line. FL Energy plans to test this well in July, 1999.

**APPROVED**

The Utah Division of Oil, Gas and Mining  
Robert J. Krueger, PE, Petroleum Engineer

Date: 5-6-99

COPY SENT TO OPERATOR  
Re: 6-3-99  
To: CHO



13. Name & Signature: Steven J. Lund Title: Petroleum Engineer for Paul Pullman (President) Date: 4/28/99

(This Space for State use only)

## WASATCH RESOURCES & MINERALS INC.

---

Steven Lund  
95 East 400 North  
Manti, UT 84642

Off: (435) 835-4246  
Res. (435) 835-424  
Fax: (435) 835-424

May 3, 1999

Mr. Robert J. Kruger

State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Re: Sundry Notices for shut-in wells and temporarily abandoned wells in compliance review

Dear Bob:

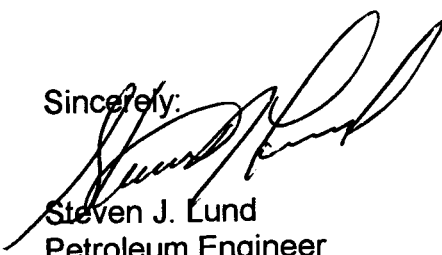
In response to you letter of February 23, 1999, which was received by FL Energy on March 1, 1999, I have complied the necessary sundry notices for the following wells:

**Well API #**

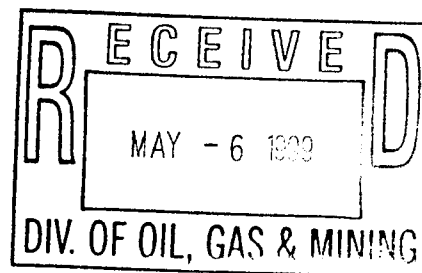
43-015-30103  
43-015-30070  
43-015-30135  
43-015-30133  
43-015-15676  
43-015-30095

If there is any additional information you require please contact me at the above address or telephone number

Sincerely:

  
Steven J. Lund  
Petroleum Engineer

cc: Paul Pullman  
Henry Alker



**FL ENERGY CORPORATION**

---

2020 East 3300 South #26  
Salt Lake City, Utah 84109

(801) 487-1605

February 26, 2002

**FAX TRANSMITTAL**

**NUMBER OF PAGES INCLUDING THIS ONE: 4**

Dustin Doucett

State of Utah  
Division of Oil Gas & Mining  
1394 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

**Re: Plug and Abandonment of the Santa Fe 1-2, Emery County, Utah**

Dustin:

It appears as if F.L. Energy has the funding to plug and abandon the Santa Fe State 1-2 in Emery County, Utah. Attached is a copy of the Sundry Notice Lynn Kano sent. I would like to plug this well Saturday March 2, 2002 if possible.

If you have any questions or comments please contact me at (435) 340-0557

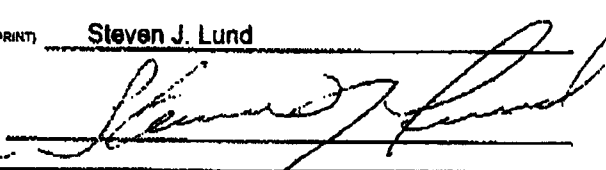
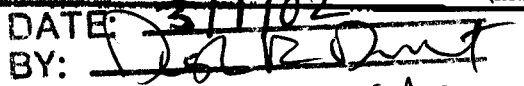
Sincerely:

SteveLund  
Consulting engineer

Cc: File

enclosures

**RECEIVED**  
FEB 26 2002  
DIVISION OF  
OIL, GAS AND MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORT ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER <b>FEE STATE ML-28960</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal intervals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF FEDERAL ALLOTTEE OR TRIDE NAME: <b>N/A</b>
1. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input type="checkbox"/> <b>X</b> OTHER <input type="checkbox"/>		7. UNIT OF CO. AGREEMENT NAME: <b>N/A</b>
2. NAME OF OPERATOR <b>F L ENERGY</b>		8. WELL NAME AND NUMBER <b>SANTA FEE 1.2</b>
3. ADDRESS OF OPERATOR <b>2020 EAST 3300 SOUTH</b> CITY <b>SALT LAKE CITY</b> STATE <b>UT</b> ZIP <b>84642</b> PHONE <b>(801) 487-1605</b>		9. API NUMBER <b>4301530133</b>
4. LOCATION OF WELL FOOTAGE AT SURFACE <b>1981' FNL - 680' FWL</b> SECTION, TOWNSHIP, RANGE, MERIDIAN <b>SW/4 NW/4 2-T17S-R8E</b>		10. FIELD AND POOL OR WELDCAT <b>EMERY</b> STATE <b>UTAH</b>
<b>11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR DATA</b>		
<b>TYPE OF SUBMISSION</b>		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start <b>9/1/2001</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Report Only) Date of report completion	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TURNING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMPLETION PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b> <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION
<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER		
<b>12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS</b> <span style="float: right; font-size: small;">Clearly show all pertinent details including dates, depths, volumes, etc.</span>		
<p><b>PLUG AND ABANDON</b></p> <p>56 sacks of cement squeezed from 2615 feet - 2000 feet across the perforations</p> <p>156 sacks of non-corrosive drilling fluid (gel) from 2000 feet - 252 feet</p> <p>23 sacks of cement from 252 feet to surface</p> <p><b>SURFACE CASING:</b> 152 feet of 7" 26 #/ft.</p> <p><b>PRODUCTION CASING:</b> Surface to TD 4 1/2" - 10.5 #/ft</p> <p><b>PERFORATIONS:</b> 2310 feet - 2190 feet</p> <p><b>P&amp;A MARKER:</b> 4 feet of 4 inch pipe with operator, well name, legal description, depth, API number</p> <p><b>Reased per State Trust Lands Recommendations</b></p>		
NAME (PLEASE PRINT) <b>Steven J. Lund</b> TITLE <b>Consulting Engineer</b>		
SIGNATURE  DATE <b>February 26, 2002</b>		
(THIS SPACE FOR STATE USE ONLY)		
API NUMBER ASSIGNED <b>APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING</b>		
APPROVAL: <b>COPY SENT TO OPERATOR</b> Date: <b>3-1-02</b> Initials: <b>C.H.O.</b>		
DATE: <b>3/1/02</b> BY:  * See Conditions of Approval		



**OPERATOR:** F.L. ENERGY

**CONSULTANT:** STEVE LUND, PETROLEUM ENGINEER: CELL. 435.650.0270  
OFFICE, 435.835.4248  
FAX, 435.835.6342  
EMAIL, sjlund@mantl.com

**SANTA FE 1-2 PLUG AND ABANDON PROGRAM**

WELL DEPTH: 2615 FT

CASING SIZE: 4 1/2" 10.5 #/FT

PERFORATION INTERVALS: 2190 ~ 2186 ft, 2228 ~ 2230 ft, 2264 ~ 2270 ft, 2284 ~ 2286 ft 2304 ~ 2310 ft

TOTAL PERF. INTERVAL: 2310 ~ 2190 FT = 120 FEET

TUBING SIZE: 2 3/8"

SURFACE CASING SETTING DEPTH: 152 ft.

TOTAL HOLE VOLUME: 42 BBLS

**PLUGS AND SPACER**

**BOTTOM PLUG 56 SACKS**

BOTTOM PLUG INTERVAL: 2615 ~ 2000 FT. PLUG THICKNESS: 615 FT

VOLUME OF CEMENT: 0.0159 bbl/ft. X 615 ft. = 9.78 or 10 bbls

0.0895 cuft./ft. X 615 ft. = 55.04 or 56 sacks

**SPACER: 156 SACKS**

SPACER: NON-CORROSIVE DRILLING FLUID 2000 - 252' SPACE THICKNESS: 1748 FT

0.0159 bbl/ft. X 1748 ft. = 27.79 or 27 bbls

0.0895 cuft./ft. X 1748 ft. = 156.45 or 156 sacks

**TOP PLUG 23 SACKS**

TOP PLUG: 252' ~ SURFACE PLUG THICKNESS: 252 FEET

0.0159 bbl/ft. X 252 ft = 4.01 bbls

0.0895 cuft./ft. X 252 ft = 22.55 or 23 sacks

**SANTA FE 1-2 PLUG AND ABANDON PROGRAM****SCOPE OF WORK:**

1. CLEAR ACCESS INTO LOCATION
2. REMOVE ALL SURFACE EQUIPMENT, SEPERATOR, PIPING
3. EXCAVATE TO EXPOSE WELLHEAD
4. MOVE IN/ RIG UP WELL SERVICE RIG
5. FILL STORAGE TANK WITH 100 BARRELS OF 2% KCL WATER
6. BLOW WELL DOWN
7. NIPPLE DOWN WELLHEAD, NIPPLE UP BOP
8. LOAD HOLE WITH KCL WATER
9. UN-ANCHOR TUBING, TRIP ALL TUBING OUT OF HOLE, STAND IN DERRICK
10. TRIP IN HOLE WITH TUBING "BARE FOOT" TAG BOTTOM PULL UP 5 FEET.
11. PUMP 10 BARRELS OF KCL WATER TO ESTABLISH CIRCULATION AND FILL HOLE
12. ALL RETURNS WILL BE PUMPED INTO A CLOSED MOBIL RESERVE PIT
13. PERFORATION INTERVALS WILL BE SQUEEZED, USING A HESITATION SQUEEZE PROCEDURE.
14. FOLLOW PUMP SCHEDULE: ALWAYS CHECKING RETURNS, LAY DOWN TUBING AS IT IS TRIPPED OUT

INTERVAL (FT)	BARRELS PUMPED	SACKS	PPG	FLUID	COMMENTS
2615-2570	0.72	4.1	15.88	CEMENT	
2570-2530	0.64	3.6	15.88	CEMENT	
2530-2490	0.64	3.6	15.88	CEMENT	
2490-2450	0.64	3.6	15.88	CEMENT	
2450-2410	0.64	3.6	15.88	CEMENT	
2410-2370	0.64	3.6	15.88	CEMENT	
2370-2330	0.64	3.6	15.88	CEMENT	
2330-2290	0.64	3.6	15.88	CEMENT	PERF. INT.
2290-2250	0.64	3.6	15.88	CEMENT	PERF. INT.
2250-2210	0.64	3.6	15.88	CEMENT	PERF. INT.
2210-2170	0.64	3.6	15.88	CEMENT	PERF. INT.
2170-2130	0.64	3.6	15.88	CEMENT	PERF. INT.
2130-252	29	165	15.88	NON-CORROSIVE GEL	
252-210	0.67	3.8	15.88	CEMENT	
210-170	0.64	3.6	15.88	CEMENT	
170-130	0.64	3.6	15.88	CEMENT	
130-90	0.64	3.6	15.88	CEMENT	
90-50	0.64	3.6	15.88	CEMENT	
50-10	0.64	3.6	15.88	CEMENT	
10-SURFACE	0.64	3.6	15.88	CEMENT	

15. CIRCULATE 1 BARREL OF GOOD CEMENT TO SURFACE
16. RIG DOWN ROSS WELL SERVICE RIG
17. WELD MARKER IN PLACE
18. PUMP
19. RESTORE, SEED AND CONTOUR LOCATION ACCORDING TO STATE GUIDELINES  
FILL IN RESERVE PIT

API Well No: 43-015-30133-00-00

Permit No:

Well Name/No: SANTA FE ST 1-2

Company Name: F L ENERGY

Location: Sec: 2 T: 17S R: 8E Spot: SWNW

Coordinates: X: 4358271 Y: 500050

Field Name: WILDCAT

County Name: EMERY

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	152	9.625		
SURF	152	7	26	152
HOL2	2966	6.25		
PROD	2650	4.5	10.5	2650

Cement from 152 ft. to surface

Surface: 7 in. @ 152 ft.

Hole: 9.625 in. @ 152 ft.

160' →  
Mancos/  
Bluegate

252'

Plug 2

$$(252)/(1.15)(11.167) = 20 \text{ SK}$$

3 SK excess

TOC = Surface

Add

Annular

$$(100)/(1.15)(5.093) = 17 \text{ SK}$$

$$(152)/(1.15)(9.580) = 14 \text{ SK}$$

$$252' \rightarrow \sim 30 \text{ SK}$$

$$48'/(1.15)(5.093) = 8 \text{ SK}$$

$$200' \rightarrow \text{Total} = \sim 22 \text{ SK}$$

## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	2650		H	250
SURF	152	0	UK	

## Perforation Information

2186' to 2310'

## Formation Information

Formation	Depth	Formation	Depth
MNCS	160		
FRSD	2177		
TNUNK	2388		

## Capacities

$$4\frac{1}{2}" \times 10.5 \text{ SK} = 11.167 \text{ f/cf}$$

$$7" \times 4\frac{1}{2}" = 9.580 \text{ f/cf}$$

$$6\frac{1}{4}" \text{ hole} \times 4\frac{1}{2}" = \frac{((1.2)(6.25))^2 - 4.5^2}{182.35} = 5.093 \text{ f/cf}$$

TD:

2966 TVD:

PBTD:

Hole: 6.25 in. @ 2966 ft.

2000' Cement from 2650 ft.

2186'

Production: 4.5 in. @ 2650 ft.

2310'

Hole: Unknown

PBTD @ 2615'

2177' Ferron

2388' Tununk Sh

TOC 20% w/o  
estimate

$$(250 \text{ SK}) \times (1.15) \times (5.093)$$

$$= 1502'$$

$$\text{TOC} \approx 1150'$$

Plug 1

$$(215')/(1.15)(11.167) = 14 \text{ SK}$$

8 SK remaining for squeeze

on SURF TOC = 2000'



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

***CONDITIONS OF APPROVAL  
TO PLUG AND ABANDON WELL***

Well Name and Number:	Santa Fe State 1-2
API Number:	43-015-30133
Operator:	F L Energy
Reference Document:	Original Sundry Notice dated February 26, 2002, received by DOGM on February 26, 2002

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338 and Mark Jones at 435-820-8504.
2. Bottom plug shall be tagged and the TOC shall be @  $\pm 2000'$  as specified in proposal.
3. All annuli shall be cemented from a depth of 200' to the surface.
4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
6. If there are any changes to the plugging procedure or wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

March 1, 2002

Date



Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Farwell P. Braxton  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1584 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-6340  
801-368-3940 (Fax)  
801-538-7223 (TDD)

## UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 4/1/02  
FAX #: DOGM SLO  
ATTN: Dustin Doucett  
COMPANY: DOGM  
DEPARTMENT: DOCM  
NUMBER OF PAGES: (INCLUDING THIS ONE) 2  
FROM: Mark Jones

If you do not receive all of the pages, or if they are illegible, please call (435) 613-5659

### MESSAGES:

Dustin Here are my notes from the Santa Fe 1-2  
Plug Test for Aiker if you want them.

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

# RECEIVED

APR 1 2002

DIVISION OF  
OIL, GAS AND MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

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Division Director

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PO Box 145801

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801-538-5340

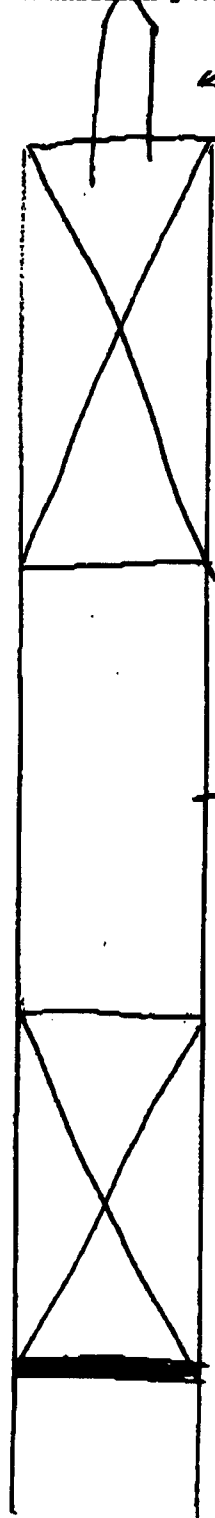
801-538-3940 (Fax)

801-538-7223 (TDD)

Plug Job

3-9-02 to 3-13-02

Mark L. Jones



3/13/02 topped off both sides of casing w/ sackcrete. Cement was down ~20' & was brought to surface, Marker welded in place.

→ hole in casing found @ 200' ±

±170' \*

→ 250' to surface cement plug - both sides of casing

→ Drill Mud

→ TOC = 1864' (was tagged)

139' = Total cement plug on top of retainer.

→ Retainer set @ 2003'

\* 36 sks exp. behind retainer.

Pumped 95.58 sks before hole locked up.

# FL ENERGY CORPORATION

---

2020 East 3300 South #26  
Salt Lake City, Utah 84109

(801) 487-1605

April 6, 2002

Mr. Dustin Doucette

State of Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

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APR 11 2002

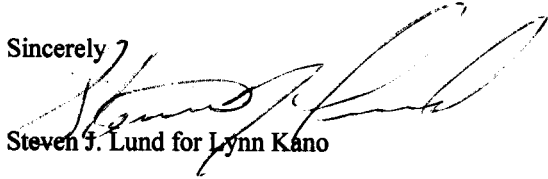
DIVISION OF  
OIL, GAS AND MINING

RE: Final Plugging Sundry Notice of the Santa Fe State 1-2 Well  
State of Utah Oil, Gas, and Hydrocarbon Lease ML 28960

Dear Dustin:

Attached is the final report for plugging and abandoning the Santa Fe State 1-2. If you have any questions call me at 435.340.0557.

Sincerely,



Steven J. Lund for Lynn Kano

Cc: Lynn Kano  
Henry Alker

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORT ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR:  
F.L. ENERGY

3. ADDRESS OF OPERATOR 2020 EAST 3300 SOUTH  
CITY SALT LAKE CITY STATE UT ZIP 84642 PHONE (801) 487-1605

4. LOCATION OF WELL

FOOTAGE AT SURFACE: 1981' FNL - 660' FWL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/4 NW/4 2-T17S-R8E

5. LEASE DESIGNATION AND SERIAL NUMBER:

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

8. WELL NAME and NUMBER:

SANTA FEE 1.2

9. API NUMBER

4301530133

10. FIELD AND POOL, OR WILDCAT

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT

(Submit in Duplicate)

Approximate date work will start:

9/1/2001

☒ SUBSEQUENT REPORT

(Submit Original Form Only)

Date of work completion:

3/12/02

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☒ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS:

Clearly show all pertinent details including dates, depths, volumes, etc.

PLUG AND ABANDON FINAL REPORT

Set cement retainer to 2005'

Pumped 3 yards of 15 ppg cement

Pumped 100 feet of cement over cement retainer

Pumped gel to 252 feet

Found a hole in the casing at 177 feet

Pumped cement from 252 feet to 177 feet

Squeeze cement in annulus between surface and production casing from 177 feet to surface

Pumped cement from 177 feet to surface in production casing

Job approved by M. Jones

Welded P&A MARKER: 4 feet of 4 inch pipe with operator, well name, legal description, depth, API number

Re-seeding will be done in June.

NAME (PLEASE PRINT) Steven J. Lund

TITLE Consulting Engineer

SIGNATURE

DATE April 6, 2002

(THIS SPACE FOR STATE USE ONLY)

RECEIVED

API NUMBER ASSIGNED

APPROVAL:

APR 11 2002